

CLAIMS

1. A tube for a heat exchanger comprising a flat pipe whose both ends are opened and in which a flow path for a heat exchanging medium is formed, and an inner fin arranged in said flow path, wherein said flat pipe is constituted of a sheet of material for a flat pipe, characterized in that :

said inner fin is constituted of:

two opposing flat plate portions connected along one of side edges of said flat pipe and formed in a flat plate shape so as to be in contact with an inner surface of the said flat pipe, and

projection portions which are projected from at least one of the flat plate portions and whose tops are in contact with the other opposing flat plate portion.

2. A tube for a heat exchanger comprising a flat pipe whose both ends are opened and in which a flow path for a heat exchanging medium is formed, and an inner fin arranged in said flow path, wherein said flat pipe is constituted of a sheet of material for a flat pipe, characterized in that :

said inner fin is constituted of:

two opposing flat plate portions connected along one of side edges of said flat pipe and formed in a flat plate shape so as to be in contact with an inner surface of the said flat pipe, and

projection portions which are projected from both of the flat plate portions toward the opposing flat plate portion wherein opposing tops are in contact with each other.

3. A tube for a heat exchanger according to claim 1 or 2, characterized in that said projection portions are constituted by folding portions which are folded so as to abut.

4. A tube for a heat exchanger according to claim 1 or 2, characterized in that each top of said projection portions is formed flatly.

5. A tube for a heat exchanger according to claim 1 or 2, characterized in that each of said projection portions has a shape in a cross section such as to focus against the top thereof.

6. A tube for a heat exchanger according to any one of claims 1 through 5, characterized in that said tube is formed by that said inner fin is included in said flat pipe at forming of the flat plate, said flat plate portions are made come in contact with an inner surface of said flat pipe, and said flat pipe is cut together with said inner fin.

7. A tube for a heat exchanger according to any one of claims 1 through 6, characterized in that said flat pipe and said inner fin are brazed by a brazing material cladded on said inner fin.

8. A tube for a heat exchanger according to any one of claims 1 through 7, characterized in that a sacrificial layer is cladded on an outer surface of said flat pipe.

9. A tube for a heat exchanger according to any one of claims 1 through 8, characterized in that said inner fin is formed thinner than a thickness of said flat tube.